

Safety-Minded Y-12ers Set New Mark Of Hours Worked Without Lost Time Accident In Plant; 3,000,000 Record Expected Today

2,940,485 Hours Hit On Sunday Midnight

Safety-conscious Y-12ers completed at midnight Sunday a record number of accident-free hours of plant operations, having posted 2,940,485 man-hours of work without a disabling accident. This figure topped the old mark of 2,853,475 established back in 1948 and 1949.

As the new mark was reached Sunday night, all eyes were turned to the coveted 3,000,000-hour mark, which will be reached today, Wednesday, November 19, if the present safety trend is continued.

Y-12 Safety Department authorities were confident that this goal will be reached and hope that the period of accident-free

SAFETY SCOREBOARD

Your Plant Has
**Operated
109 Days
Without A Lost Time
Accident
Through November 15**

operations will continue indefinitely.

Of course, the long period of safe plant operations looks good on paper, but it is the satisfaction gained by every Y-12er helping

Former Mark Was Set In 1948 And 1949

to establish the record that he or she has escaped the pain and cost of an accident that is the big accomplishment.

The present period of safe operations began on July 20 and the Milestone of 1,500,000 hours without a disabling accident was reached on September 24. This marked the ninth time that Y-12ers had worked more than 1,500,000 hours without a lost time accident since Carbide began operations in Y-12 in 1947.

The latest span of accident-free operations that set the new record on Sunday night covered 109 days. The former record ran for 246 days because of the fewer number of employees at that time.

K-25 Man Will Speak At I. R. E. Meeting

Dr. D. F. Smith, of the K-25 Laboratory Division, will speak on "Microwave Spectroscopy" at the November meeting of the Oak Ridge Chapter of the Professional Group on Nuclear Science of the Institute of Radio Engineers. The meeting will be held at 7:30 p.m. in the West Lounge of the Ridge Recreation Hall.

This is the second year of the chapter's activities and the Oak Ridge Nuclear Science Group of the I.R.E. welcomes anyone to its meetings who is interested in atomic engineering or nuclear science.

Dr. Smith did undergraduate work at Colgate University and received his Ph.D. in physics from Yale University in 1948. During his five years at K-25 he has succeeded in determining some of the molecular structures of the interhalides from their microwave spectra.

Ridge Safety Lane Changes Schedule Of Inspections

The attention of Y-12ers who have not yet had their automobiles tested for safe operations at the Oak Ridge Safety Lane is called to the change in schedule at the safety lane. The lane now will be open continuously from 9:30 a.m. to 6 p.m. Monday through Saturday, and will not be open at nights because of the lack of interest shown since it was open for testing on November 2.

The safety lane inspections give all motorists an opportunity to determine if their vehicles are in safe operating condition as to brakes, lights, windshield wipers, horns and other equipment. Motorists are urged to check obvious points such as to see if all lights are burning before going to the safety lane to avoid a second trip.

PAPER AGAINST DATA POOL

In an editorial the Columbus, Ohio, Dispatch, warns that it would be folly for the United States to pool atomic data with Britain in view of that nation's "naive" attitude toward security and inefficient screening of scientists on top secret work.

CHICKEN CROQUETTES WITH PARSLEY SAUCE TOPS SPECIAL LUNCH

Chicken croquettes with parsley sauce will be the entree for the Thursday Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, November 19. Accompanying the entree will be one vegetable, choice of salad or dessert and rolls and butter—all for 50c.

Lions Club Turtle Derby Is Set For Saturday Night

The annual turtle derby is scheduled for Saturday night of this week, November 21, at the Jefferson Junior High School gymnasium. The fun-filled event is slated to start at 7:30 p.m. Admission is free.

H. E. Buckminster, of K-25 and a former Y-12er and likewise immediate past president of the Lions Club, is general chairman of the derby. Among the Y-12ers and other Carbide employees in the Y-12 Plant Area active in handling details of the event are Bill McDonald, master of ceremonies; Bill Cobb, co-chairman of candy sales; Jim Keeton, committee coordinator; Elmer Olson, co-chairman finance committee; and Jim Bowers, co-chairman turtle purchasing committee.

A total of 100 turtles are used in the derby, each sponsored by a local merchant. There will be 10 races, plus a "sweepstakes" to conclude the program.

Carbide Wives Will Elect Five Board Members Tonight

Five new members of the executive board of the Carbide Wives Club will be elected at the monthly meeting of the group at 7:30 o'clock tonight, Wednesday, November 18. The meeting will be a combination business session and card party to be held in the East Lounge of the Ridge Recreation Hall.

Mrs. M. L. Angel will be the executive board member in charge of the meeting tonight. Hostesses will be Mesdames W. H. White, T. S. Higgins, S. W. Troutman, D. M. Cox and W. R. Blackwell. Bridge and canasta will be played and the decorative scheme will follow a Thanksgiving trend.

Mechanical Engineers Will Hear Savage Talk

A talk by H. Wesley Savage, chief development engineer of the ANP Division of Oak Ridge National Laboratory located in the Y-12 Plant Area, will feature a meeting of the Oak Ridge Chapter of the American Society of Mechanical Engineers on Friday night, November 20. The session will be a dinner meeting in the Starlight Room of the Oak Terrace, beginning at 6:30 p.m., with the business meeting starting at 8 p.m.

Covers High Test Problems

The subject of Savage's talk will be "Pumps and Plumbing at 1,000 Degrees Fahrenheit, Plus." It will be a discussion of engineering attitudes, problems and some solutions encountered in high-temperature forced circulation systems using sodium.

In an unclassified fashion, and since the subject is of interest in nuclear reactor technology, an attempt will be made to relate ordinary engineering approaches to the somewhat independent requirements of high temperatures and the nuclear phenomena that may be present. In addition, the necessary components and design criteria of sodium pumps and pumping systems will be discussed.

All mechanical engineers of Y-12 and elsewhere in Oak Ridge, their guests and friends are invited to the meeting. Dinner reservations must be made to Y-12 Plant Telephone 7677 not later than Thursday, November 19.

Savage is well known in Y-12, having been connected with Process Improvement and also the Stable Isotope Divisions in the plant.

Boy Scout Training Class Set For Tomorrow Night

Another training class for Oak Ridge adults interested in Boy Scout work will be held at 7:30 o'clock tomorrow night, Thursday, November 19, at the Jefferson Junior High School. Many Y-12ers have been active in Boy Scout activities in the past and all of these men and others who would like to aid in the Scout program are urged to attend the session.

The Paramount Objective is to Assure the Common Defense and Security

... See ATOMIC ENERGY ACT OF 1946

Y-12ers Should Check Social Security Status

Do you check your bank statement to be sure it is correct? Of course, you do.

However, how long has it been since you Y-12ers have checked your Old Age and Survivors Insurance (Social Security) account to see if it is correct?

Important For New Y-12ers

This is an important step, particularly for employees recently hired in Y-12. Old Age and Survivors Insurance payments are based on credits posted to your account, both from Y-12 and previous employers. It is most important, therefore, for every Y-12er to personally check this account.

The check should be made with the nearest Social Security Office to be sure all previous credits are posted to your account. This may be done by a visit or letter to the Social Security Administration, 511 West Church Ave., Knoxville, Tenn., asking for a form to check on the individual account. There is no charge made for this service and such checks should be made at least once every four years.

Number Is Permanent

Every Y-12er should remember that he carries the same Social Security number from the time the first card is issued right on through his entire tenure of employment under authorized employment covered by Social Security. That is what makes it so necessary to keep the Social Security records straight—both for old age benefits and for protection of survivors.

Unlimited Atomic Energy Applications Predicted

Capt. Arthur Van Dyck, one of the top executive executives of the Radio Corporation of America, recently predicted virtually unlimited consumer application of atomic energy, according to the Dayton, Ohio, News. Van Dyck is quoted as foreseeing production of new materials that will permit development of light weight atomic energy plants small enough to be carried in a woman's purse.

THANKSGIVING HOLIDAY REQUIRES SCHEDULE CHANGE IN THE BULLETIN

Because of the Thanksgiving Day holiday in the Y-12 Plant on Thursday, November 26, it is necessary to advance the deadline date for pictures for the December 2 issue of The Y-12 Bulletin to Wednesday, November 25. It also is desirable for as much other material as possible for the December 2 issue to be in at the office of the newspaper, North Portal, telephone 7753, as early as convenient to the contributors.

AEC Concerned Over Laxness In Security

Heavy Penalties Cited For Violations; Y-12 Regulations Current

Proper safeguarding of classified security information is a matter of continuing concern to the Atomic Energy Commission. Constant attention to the handling of classified information is forcefully emphasized by a memorandum on the subject from the General Manager of the AEC to all AEC operations heads and AEC contractors. The memorandum from the AEC General Manager follows:

"The Commission has noted with increasing concern a number of cases in which employees of the Commission and of its contractors have failed to apply proper safeguards to classified security information. As a matter of Commission policy it is requested that all personnel under your jurisdiction be informed of the Commission's concern and of the possibility that drastic action may be taken where it can be shown that classified information or documents have been compromised or lost as a result of gross personal negligence. In this connection you may wish to call to the attention of personnel under your jurisdiction the provisions of Section 793 (f) of Title 18 of the United States Code (Internal Security Act of 1950) which provides:

"(f) Whoever, being entrusted with or having lawful possession or control of any document, writing, code book, signal book, sketch, photograph, photographic negative, blueprint, plan, map, model, instrument, appliance, notes or information relating to the national defense, (1) through gross negligence permits the same to be removed from its proper place of custody or delivered to anyone in violation of his trust, or to be lost, stolen, abstracted or destroyed, or (2) having knowledge that the same has been illegally removed from its proper place of custody or delivered to anyone in violation of his trust, or lost, or stolen, abstracted, or destroyed, and fails to make prompt report of such loss, theft, abstraction or destruction to his superior officer—shall be fined not more than \$10,000 or imprisoned not more than 10 years, or both."

Here in Y-12 every effort is made to handle all classified documents.

Continued on Page 4

Physics Seminar Will Hear Nobel Institute Man Talk

The next meeting of the Oak Ridge Physics Seminar will be held Friday afternoon, November 20, at 4 o'clock in the East Lounge of the Ridge Recreation Hall.

Dr. Ingmar Bergstrom, from the Nobel Institute for Physics in Stockholm, Sweden, will be the speaker for the session. Dr. Bergstrom will discuss "Present Status of the Auger Effect." All Y-12ers interested in the subject are invited to attend the meeting.

The Bulletin

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CRENSHAW—CANNON

Another recent wedding of interest to Y-12ers was reported last week in the exchange of vows by Miss Mary Jo Cannon, of the Assay Laboratory, and Lieut. Norris L. Crenshaw, United States Army. The ceremony was performed at 7 p.m., October 31, at the Merton Ave. Baptist Church, Memphis, Tenn., with the Rev. Robert C. Cannon, father of the bride, officiating.

The bride is the daughter of the Rev. R. C. Cannon and Mrs. Cannon, of Memphis. Parents of the groom are Mr. and Mrs. Norris L. Crenshaw, Sr., also of Memphis.

The bride was given in marriage by an uncle, A. D. Wright, of Jackson, Miss. During the ceremony nuptial music was provided by Miss Kyra Sue Cannon, of Jackson, Miss., sister of the bride; and Morris Ungren. Selections included were "Oh Promise Me," "The Lord's Prayer" and "Because."

At her wedding the bride wore a gown of full tiered satin red-ink over winter organdy and lace with three-quarter sleeves. Her tiara was of braided satin with lillies of the valley. Her bouquet also was of lillies of the valley centered with a large white orchid and streamers of tube roses.

Mrs. R. C. Shanklin, of Memphis, sister of the groom, was matron of honor. Bridesmaids were Miss Joyce Ann Cannon, sister of the bride, of Memphis; and Misses Joan C. Wilson and Bobbye Jo Mallory, both of Oak Ridge. Emilie Cannon and Elaine Cannon were flower girls.

Robert Craig Shanklin, Memphis, was best man. Jere Nichols, Claude Green and Herbey Taylor, also of Memphis, were ushers.

Following the ceremony a reception was held at the home of the bride's parents. Out-of-town guests at the wedding and reception included Jean Soard and Lodean Butler, both of Y-12; and Steve Sinchak, of Management Services, Inc.

The bride graduated from Union University, Jackson; and the groom from Memphis State College. He also has attended the U.S.A. General Staff School, Ft. Riley, Kan.

The couple will live in Oak Ridge.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: William T. Burgess, Elmore W. Koons, Sr., and James L. Sandefur, Field Maintenance; James L. Gilliam, Maintenance Shops; George S. Easley, Property; Ralph B. Littleton, Transportation; Ruth J. West, Stores; John L. Howard, Product Processing; Melvin S. Mee, Utilities Maintenance; Hester W. Johnson, Clara Hall and Robert Fuller, Janitors.



Halloween is long gone—but a pair of Y-12 gals walked away with top prizes at the K-25 Carbide Girls Club masquerade ball in honor of the occasion. They were Sue Wassom, Wage Standards, president of the recently organized Y-12 Girls Club, who was a most regal queen to her kingly escort, Vance Bateman, of Good-year Corporation assigned to K-25; and Lynda Turner, Superintendents, who teamed with Guy Gilliam, also of K-25, as the "most interesting" garbed in their authentic Chinese get-up. The affair was a big success for the K-25 lassies as it was attended by more than 400 guests. Next year the Y-12 Girls Club plans to present such functions for the folks around these parts.

MAINTENANCE DIVISION

Folks in the Laundry extend get-well wishes to Reba Duncan, Thelma King and Jennings Baird, who were on last week's sick list . . . Blanche Seabolt is spending next week's vacation at home in Knoxville . . . John Tate will be enjoying a week off at home in Lenoir City.

The Salvage Department extends wishes for a speedy recovery to C. J. Almon, who is ill in the Baptist Hospital in Knoxville.

Field Maintenance extends sympathy to J. A. Braden on the death of a brother in Lake City . . . Sympathy is also extended to T. L. Steverson on the death last week of a sister at Cleveland, Tenn. . . . Get-well wishes go to W. E. Phillips, who was ill last week . . . Also a speedy recovery to Elmore Koons, who is a comfortable convalescent in the Oak Ridge Hospital . . . The department welcomes E. W. Sorrells, J. R. Cagle, J. L. Sandefur and E. R. Baxter back to work after being off ill . . . A. A. Gropp and his family are spending this week's vacation in Iowa . . . A. M. Lowery is on a two-week vacation . . . J. R. Pelfrey is on vacation this week . . . The department welcomes M. E. Tate, J. K. Bush, E. C. Brown and H. D. Foster to the roster.

Joanna Stamps, Electrical Maintenance, and her husband stopped in New Orleans, La., for a few days last week before going on to Houston, Tex., to visit friends. Congratulations are in order for T. W. Arowood, of Maintenance Shops, who is the papa of a baby born November 5, at the Baptist Hospital in Knoxville—little Janice Sue weighed seven pounds and four ounces at birth . . . The department extends sympathy to Keith Patrick, and the family, on the recent death of his mother-in-law . . . Get-well wishes go to J. J. Rupe and to C. A. Boyd, who were on last week's ailing list . . . Also a speedy recovery wish goes to J. L. Gilliam, who had his tonsils removed in Athens last week . . . A welcome goes to C. E. Shoemaker, who is the latest addition to the roster . . . W. C. Collins spent a recent week end with relatives in Murphy, N. C. . . . Sandy Schor and her husband, Joe, of Biology, went down South on a recent week end on a sight-seeing spree, visiting the Cyclorama and other points of interest around Atlanta, Ga.

Bob McWorter, Planning and Estimating, enjoyed last week's vacation in sunny Florida . . . Ben Houser is spending his week of vacation loafing around home in Oak Ridge.

ADP Maintenance congratulates O. E. Bean, who is the proud grandpa of a seven-pound four and one-half ounce baby boy born November 10 in a Knoxville hospital . . . A welcome is extended to the new members in the department who are K. B. McNabb, C. C. Sinclair and Billie Smith . . . The department hopes that O. W. Brown is not seriously injured in that recent automobile accident . . . Vacationers this

week from the department are H. W. Caldwell, Joe Bearden and H. O. Caughron . . . The department extends sympathy to R. D. Jones, whose uncle passed away recently.

Folks in Research Services welcome E. J. Panter back to work after an illness . . . Get-well wishes go to N. B. Keplinger, who is ill . . . J. D. Blessing is vacationing in New York this week . . . S. H. Floyd also is on vacation this week.

The Utilities Maintenance crew wish a speedy recovery to M. S. Mee, and to T. R. Lister, who were ill last week . . . B. F. Nicley has returned from that convention in Cleveland, Ohio, in good condition.

Sympathy is extended to A. F. Kendig, Transportation, and the family, on the recent death of his father-in-law, G. McKinley Braden, at St. Mary's Hospital in Knoxville.

Vacationers from Buildings and Grounds this week include R. G. Taylor, G. R. Cox and C. H. Huddleston.

How many of you Y-12 football fans at the UT-L.S.U. game, recognized that pretty Homecoming Queen for the Vols? Well, she was Miss Sue Rueff, formerly of the Transportation Department and daughter of Phil Rueff, also a former Y-12er. Sue is a senior at the state university. She was crowned queen by Gov. Frank Clement and joined that exclusive club of those young ladies who have been kissed by the Chief Executive.

MANUFACTURING OFFICE DIVISION

Tom Hillard, Manufacturing Office, is vacationing in Washington, D. C., this week.

Receiving and Shipping welcomes O. G. Proffitt to the roster.

Property extends get-well wishes to Stan Easley, who is ailing.

M. F. Moore, Timekeeping, is spending this week at home in Petros.

The Stores Department welcomes J. W. Leinart to the roster . . . Helen Claffey and her husband, Chuck, motored down to her home in Okolona, Miss., on a recent week end.

people are Hobey Thomas and his family along with Joe Kidd, Richard Boxley and family, and John W. Hill. (Don't forget to take your overcoats, anti-freeze, galoshes, snow plows and other equipment appropriate to the season.)

A. S. Preston, Mechanical Engineering, has just returned from a week of vacation.

ALLOY DIVISION
The Alloy Division extends sympathy to Charlie Whitwill, whose father passed away last week . . . Carl Frazier is spending his week of vacation on a deer hunt in the Jefferson National Forest in Virginia . . . Betty Fellers is vacationing with her mother at home in Rogersville, Tenn., this week . . . John Ellison also is on vacation this week.

CHEMICAL DIVISION
The Chemical Department extends congratulations to "Lucky Buck" L. E. Christopher, who is the very proud papa of a baby boy born November 4, at the Oak Ridge Hospital, weighing four pounds and nine ounces—little David Lawrence is the Christophers' first child . . . W. C. Golden is on a two-week vacation . . . Vacationers this week are L. J. Alexander, H. R. Butler and J. B. Kennedy.

Helen Underwood, Product Processing, spent last week in Washington, D. C.

Mary Cusman, Uranium Processing, visited her folks in Ash-tabula, Ohio, while on vacation last week.

INDUSTRIAL RELATIONS
Anne Strunk, of Health Physics, and her husband, "Buzz," of the Tool Department, are spending this week supervising the building of their new home over on Fort Loudoun Lake . . . Ray Whitehorn plans to put a grand climax on this week's vacation in attendance at the Tennessee-Kentucky football game in Lexington, Ky., on Saturday . . . J. D. Hall is visiting a sister in Norfolk, Va., this week . . . Arthur Stewart and his wife have recently moved into their new home over at Norris.

Virginia Guettner, of Medical, is visiting relatives in Kingsport and in Bristol while vacationing this week.

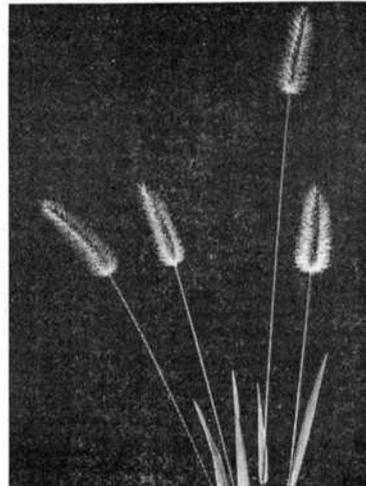
Annette Parson, of Fire Prevention and Control, is spending this week end with her folks in Lexington, Ky.—needless to say who she'll be rooting for at that Vol-Wildcat clash on Saturday . . . J. W. Doane is off gallivanting somewhere this week.

Ernest Bentley, of Safety, and his family have moved into their new home over at Norris.

One week vacationers from the Guard Department next week are S. T. Vickery and J. F. Bridges . . . W. B. Davis will be vacationing for two weeks.

ENGINEERING DIVISION

Chemical and Industrial Engineering extends sympathy to Ted Jones, whose mother passed away recently at home in Sweetwater . . . A whole delegation from the department will witness the Vol-Wildcat classic this Saturday in Lexington, Ky. Some of the lucky



THE ATTRACTIVE PHOTOGRAPH OF FONTANA LAKE at top won second prize in the scenery division in the Salon Contest of the Carbide Camera Club. It was made by Herman Dickerson, a Carbide employee in the Y-12 Plant Area and a long time Y-12er. At left below Dickerson took a lowly form of weed as a subject of a picture he called "Spikelets" to win first prize in the miscellaneous class. At right is the second prize winner in the people class, made by A. A. Palko, another Carbide employee in the Y-12 Plant Area who has been in the Y-12 area for a long time.

Camera Club Salon Draws Record Entries

With a record number of entries, some of the finest amateur black and white photographs and color slides in the history of the event were presented in close contests at the annual salon meeting of the Carbide Camera Club November 10. The salon session was held at the Ridge Recreation Hall so that sufficient space could be had for displaying the photographs.

Met With Oak Ridge Club
The meeting was a joint affair with the Oak Ridge Camera Club, but only Carbide Camera Club members were eligible for the contests.

Around 70 black and white photographs were entered in the picture contest. The pictures were divided into four classifications, people, scenery, architecture and miscellaneous. The color slide contest drew 150 entries, also in four classes the same as in photographs with the exception of flowers as a subject instead of architecture.

Election Meeting Set December 8
The next meeting of the Carbide Camera Club will be held at 7:30 o'clock Tuesday night, December 8. The session will feature the annual election of officers and will be held in the clubrooms in the Y-12 East Portal Building.

Winners in the salon contest were: Photographs, People, S. A. Hluchan, A. A. Palko and Robert Freestone; Scenery, Freestone, H. L. Dickerson, George Begun; Architecture, Hluchan, Freestone, Begun; Miscellaneous, Dickerson, Hluchan, Hluchan.

Color Slides, People, M. E. Rose, Dickerson, Palko; Scenery, Rose, Billie Ferrill, Billie Ferrill; Flowers, Hluchan, Douglas Ewen, Dickerson; Miscellaneous, Freestone, Janet Cisar, Begun.

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Annual Y-12 Fishing Contest Popular; Fine Prizes Offered Various Winners

Just five more weeks remain for Y-12 anglers to enter the 1953 Y-12 Fishing Contest as the big event officially closes at midnight, December 31. Fishermen have until January 15 to send entry blanks and photographs of their prize catches to the Recreation Office, North Portal for consideration for the fine prizes offered to the winners in the various classifications. Winners will be announced after the official deadline.

The field is still wide open for the prizes and all Y-12 fishermen are urged to get their entries in the contest as soon as possible.

The entry fee costs nothing and entry blanks for the contest may be obtained at the Recreation Office. Prizes will be given for the biggest largemouth, smallmouth or striped bass, sauger or walleyed pike, crappie, bream, catfish, drum, carp and trout.

Each fish entered must have been caught by a Y-12 employee and no contestant may receive more than one award in any one division.



HERE IS ANOTHER CANDIDATE for honors in the annual Y-12 fishing contest. This whopper, a walleyed pike, was caught by T. E. Carroll, Maintenance Shops, in the Little Tennessee River using a South Bend rod and a brown master spinning reel with a six-pound test line. The bait was a green baby shiner.

Pin Balls Post Win In Mixed League

The Pin Balls moved out of the cellar last week in the Mixed League with a resounding four-point win over the Spotters while the Ponies clipped the third place Cards by a three-point margin. Other league action saw the Rams continue their torrid pace with a whitewash victory over the Papis and the Hubs dealt the Wheels a four-point blanking.

The Rams continued their mastery over the rest of the loop by sweeping the boards with a 631 scratch game, boosted to 800 with handicap, going on to roll a 1768 scratch series, increased to 2275 with handicap, both scratch marks being second high for the first half. Lucille Hatmaker, of the Cards, rolled a 210 handicap game and a 584 handicap series. Dot Park, Papis, tallied a 163 scratch game while Desma Hutcheson, Rams, chalked up a 408 scratch series. Top scores for the men during the night's activities were made by Harold Ratjen, Rams, with a 530 scratch series and a 602 handicap series. Hobey Thomas, Papis, rolled a 192 scratch game and "Buzz" Strunk, Ponies, had a 233 handicap game.

League standing follows:

Team	W	L
Rams	27 1/2	4 1/2
Wheels	20	12
Cards	17	15
Hubs	17	15
Papis	15	17
Ponies	14	18
Pin Balls	9 1/2	22 1/2
Spotters	8	24

Badminton Team Candidates Sought

Badminton players in Y-12 are asked to break out their racquets and then check in at the Recreation Office, North Portal, telephone 7753, as candidates for a plant team in an Oak Ridge league. Spence Wallace, Bldg. 9212, telephone 7135, is aiding in organizing the team. Y-12 had an excellent outfit two years ago and it is hoped another strong team of both men and women can be organized.

Peons Take Top Spot In D Bowling Loop

The Peons took over undisputed possession of first place in the D League last week by taking two important points from the Sooners. However, the big upset of the week was by the cellar dwelling Vectors, who dealt the Orphans a three-point thrashing. In the other match of the week, The improving Rollers trounced the Unknowns by a three point margin.

Hobey Thomas, Vectors, blasted pins all over the place posting a 585 scratch series, high mark for the first half. Thomas also rolled a 199 scratch game and a 675 handicap series, the latter mark being second high for the first half of play. Prewitt, Sooners, got into the act with a 230 handicap game. The Orphans hogged the spotlight in team scoring, sweeping across the boards with a 988 handicap game, a 2272 scratch series and a 811 scratch game. The Vectors tallied a 2897 handicap series during the evening.

League standing follows:

Team	W	L
Peons	21	11
Orphans	20	12
Sooners	18	14
Rollers	15	17
Unknowns	12	16
Vectors	8	20

Volleyball League Off To Flying Start

The Y-12 Volleyball League jumped off to a flying start Monday night, November 9, at the Highland View School with all teams seeing action and the participants getting in a good round of group fun.

The Jumping Jax, captained by Bill Moles, showed considerable strength by taking two big games and three points from the battling Uranium Control Junior Varsity,

Varsity Women Win City Title

Second-Round Play Starts Thursday

The Y-12 varsity keglertes came through in fine fashion in the Oak Ridge City Bowling League by clinching the first-round championship of the circuit. They disposed of the EAT team last week at the Oak Terrace alleys by a three-point margin.

The Y-12 women, captained by Betty Whitehorn, are to be commended for their fine showing and the lassies are now looking forward to the league championship for the year, which they won last season. The Y-12 lassies demonstrated fine teamwork in whipping EAT, putting together good scores all the way through the set.

Juanita Pitt led the parade for Y-12 last week, posting a 168, 174, 146-488; followed by Mavis Koons 151, 198, 137-486; Ruby O'Kain 166, 176, 126-468; Betty Whitehorn 136, 119, 153-408; and Dot Park 151, 130, 114-395.

The second round of play in the City League will get underway Thursday night, November 19, at the Oak Terrace alleys.

Varsity Pinsters Top Legionnaires

The Y-12 men's varsity bowlers got back on the victory trail last week in the Oak Ridge City Bowling League at the Oak Terrace alleys by spanking the American Legion pinsters by a three-point margin. The Y-12ers lost the first game of the session but came back for revenge and took the Legion team to the cleaners. The Y-12 men now have 21 wins and 15 losses in City League competition.

Joe Pryson had a good night at the alleys posting game scores of 208, 199, 187-594; followed by Ernie Cobble 172, 211, 174-557; Frank Gragg 175, 157, 212-544; Jack Spears 145, 174, 168-487; and George Schierbaum 143, 136, 161-440. Gragg had the highest game of the group, a 212. Game totals showed the Y-12ers with 843, 877, 902-2622 against 878, 795, 786-2459 for the American Legion.

captained by John Lay. The Duds won a three-point victory from Maintenance in the other engagement of the week.

Several more volleyball players are needed by some of the teams and anyone interested please call the Recreation Office, North Portal, telephone 7753.

The schedule for Monday, November 23 pits Maintenance against the Jumping Jax at 6 p.m. and UCJV against the Duds at 7 p.m.

League standing follows:

Team	W	L
Duds	3	0
Jumping Jax	3	0
UCJV	0	3
Maintenance	0	3

Y-12 SPORTS

Rebels Are Champs Of Y-12 B League For First Round

The Rebels are officially champs of the B League for the first round of play, but by a scant margin of only one-half point over the Has Beens. The Rebels wound up the first round with 29 wins and 15 losses.

League play last week saw the Has Beens whitewash the Cubs while the Swingsters blanked ADP. Three-point wins were turned in by the All Stars over the Tigers, Rippers over the Wolves and the Bumpers over the Rebels. The Bumpers gave the Rebels a fit in their four-game session with the first round champs coming from behind to take the last game of the set. Other action last week saw the Wasps and Bldg. 9211 halve their four points.

Nelson Tibbatts, of the Rippers, went on a scoring spree, rolling a 254 scratch game, boosted to 280 with handicap, both marks being high for the first round. "Paddy" Peckman, Cubs, had a 575 scratch series while Bruce Whitaker, All Stars, tallied a 652 handicap series. The Rippers swept most of the scoring honors last week, rolling a 3057 handicap series, a 932 scratch game and a 1113 handicap single, the latter two marks being high for the first round. The Bumpers got into the act with a 2542 scratch series.

Team	W	L
Rebels	29	15
Has Beens	28 1/2	15 1/2
Wolves	26 1/2	17 1/2
Swingsters	26	18
All Stars	25	19
Rippers	25	19
Bumpers	23	21
Cubs	21	23
Wasps	21	23
Bldg. 9211	20	24
Tigers	11 1/2	32 1/2
ADP	7 1/2	36 1/2

Y-12 Rifle Team Rises To Third

The Y-12 sharpshooters in the Oak Ridge Indoor Rifle League fired their second match of the season last week and after final tabulations were made the Y-12ers stood in third position in the league in both scratch and handicap firing. Scratch scores for Y-12 were led by W. D. Cunningham with 169; followed by W. R. McIntosh 159; C. G. Brewster 154; John Gallimore 151; B. R. Cobb 140; and S. E. Adams 119. Handicap firing was paced by Brewster with 192.640; followed by McIntosh 192.265; Cunningham 191.663; Cobb 190.400; Gallimore 189.004; and Adams 187.040. The Y-12 men had a total scratch score of 772 for the week and 955.972 with handicap.

The Y-12ers will fire again Friday, November 20 and Carl Brewster, captain of the Y-12 team, urges any Y-12 employees interested in firing with the team to call him at the Medical Department, telephone 7554.

Sanders Named Cage Coach

Hardwood Hopefuls Have Veteran Mentor

The new manager of the Y-12 men's varsity basketball team is Carl Sanders, of Buildings and Grounds. Sanders is an old time Y-12er with many years of managerial experience and playing behind him. He led the Trico Motors team to the City League championship in 1950. Sanders is a native of Hayesville, N. C., and was an outstanding basketball player there.

The Y-12 mentor has been guiding the Cardinals through stiff workouts in preparation for the tough opposition which lies ahead in the Oak Ridge City League and strong outside opponents.

Practice sessions for the Cardinals follow:

Thursday, Nov. 19—6 p.m., Oak Ridge High School.

Monday, Nov. 23—8 p.m., Jefferson Junior High School.

Wednesday, Nov. 25 — 9 p.m., Oak Ridge High School.

The Robins have been practicing under the direction of Recreation Supervisor Bill Stanton, for the past three weeks and the Y-12 women are showing great enthusiasm in their pre-season drills.

Practice sessions for the Robins follow:

Monday, Nov. 23—6 p.m., Jefferson Junior High School.

Wednesday, Nov. 25 — 9 p.m., Oak Ridge High School.

Race For C League Championship Tight

Bowling action was limited last week in the C League as the Wash Ups and Screw Balls were unable to roll because of the work schedule. The matches will be rolled later with the totals posted by the Rusty Five and Glass Arms used as marks for the two absent teams to roll against. League play last week saw the Hornets and Cant Hooks clip Uranium Control Junior Varsity and the Hooks, respectively, by a three point margin.

Clyde Hopkins, UCJV, went on a rampage last week at the alleys posting a whopping 234 scratch game, boosted to 265 with handicap and Hopkins also rolled a 530 scratch series. Harold Ratjen, Rusty Five, got into the act with a 627 handicap series. The Rusty Five swept across the boards with a 783 scratch game, a 2335 scratch series and a 2839 handicap series. UCJV wound up the night's activities with a 985 handicap game.

League standing follows:

Team	W	L
Hornets	27	13
Rusty Five	26	10
Glass Arms	24	12
Hooks	21	19
Cant Hooks	19	21
Screw Balls	12	24
Wash Ups	12	24
UCJV	11	29

Italian Laboratories Said Hot Beds Of Communism

A recent press report from Rome declares that Italy's Communist-infested atomic and thermonuclear laboratories are pivotal points of a huge pool of European atomic knowledge known as the European Council For Nuclear Research. The report alleges that because the United States gives considerable amounts of its newest data to this group and permits Council members to come to America for consultation and assist in experimentation, Britain's representative to the group is able to turn over all of America's latest secrets to "spy-infested" British atomic and hydrogen bomb research centers.

Accept safety rules as aids—not hindrances.



ABOVE ARE TWO HARD ROLLING MIXED LEAGUE teams who are furnishing keen competition for all opponents. On the left, the Rams, currently leading the circuit with one eye cocked on winning the first half championship. From left are



Desma Hutcheson, Harold Ratjen, "Fiz" Tucker, Nelson Tibbatts. The Spotters are at right, bowlers being Dave Garden, Mary Curtis, Libby Daugherty and Bob McMillan. This league for men and women bowlers of Y-12 has proved popular this season.

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New Atomic Motor Idea Advanced By Iowa Scientist

In a recent issue, Newsweek Magazine says atomic engines now under development are not much different from ordinary steam engines with the exception of the fuel. In these engines, Newsweek says, fissioning uranium instead of burning coal creates heat that is transferred to water or some other liquid.

Quoting the Journal of Applied Physics, Newsweek says that Dr. Edward H. Kerner, of Iowa State College, has proposed a basically new sort of atomic engine. His scheme is to use the uranium as a fundamental mechanical part of the engine, not just as a source of heat. Kerner's conception is an internal-combustion engine with no valves in the cylinders. In each cylinder he would seal a small amount of uranium hexafluoride, a gaseous compound of the "hot" metal. When compressed by the piston, the gas would become "supercritical," that is, its molecules would be crowded enough to start a chain reaction, like an atomic pile. This would heat the gas and make it expand, thus propelling the piston. If it works, the Journal said, the idea would shortcut the problems of transferring immense quantities of heat. However, the engine would still have to be shielded to protect human beings from radiation.



Congratulations to the following Y-12ers who became fathers of babies born recently at the Oak Ridge Hospital.

Milan Daniel, Buildings and Grounds, girl, November 9.
 R. S. Ware, Development Division, girl, November 9.

The Indian name "illini" (men) and the French suffix "ois" were combined for the name of the state of Illinois—the two words together signifying "tribe of men."

Mr. FISHERMAN

Thanks for helping to
PREVENT FOREST FIRES

Attendance Record

Dept.	MAJOR LEAGUE		Scheduling	
	Percentage	Standing	11-8-53	11-1-53
2077	0.4	1	6	
2008	0.8	2	1	
2091	1.6	3	13	
2003	1.8	4	16	
2619	1.90	5	5	
2026	1.91	6	7	
2690	2.0	7	9	
2108	2.1	8	3	
2617	2.4	9	17	
2014	2.5	10	15	
2257	2.7	11	12	
2002	3.0	12	11	
2060	3.1	13	2	
2066	3.5	14	14	
2005	4.1	15	10	
2142	4.19	16	8	
2015	4.23	17	20	
2018	5.1	18	18	
2252	6.1	19	4	
2001	6.3	20	19	

Group absentee percentage was 2.7 per cent, remaining the same as the preceding week.

Dept.	MINOR LEAGUE		Scheduling	
	Percentage	Standing	11-8-53	11-1-53
2200	0.0	1	1	
2107	0.0	1	3	
2216	0.0	1	4	
2144	0.0	1	5	
2094	0.0	1	9	
2143	0.0	1	11	
2145	0.4	7	10	
2025	0.6	8	12	
2090	0.8	9	6	
2046	0.86	10	7	
2743	0.89	11	1	
2301	1.3	12	8	
2093	1.7	13	13	
2096	1.7	13	14	
2096	6.2	14	14	
2140	6.5	15	15	

Group absentee percentage was 1.3 per cent, .9 per cent lower than the preceding week.

The plant average for the week ending November 8 was 2.5 per cent, .1 per cent lower than the preceding week.

FBI IS KEPT BUSY

Columnist Dorothy Kilgallen, writing in the New York Journal American, says that FBI agents are flooding the Las Vegas, Nev., area because of the many atomic workers from Los Alamos, N. M., visiting the tourist area. She says the FBI men are trying to stem the tide of loose talk about atomic secrets.

This Christmas appeal business by child stars (?) on the radio is going quite whacky. The latest demand on Santa Claus is the hippopotamus, a long way from the modest request for "two front teeth" of a couple of years back. Oh well, it's a way to make a living.

Many Y-12ers Attend John Ramsey Funeral

With many friends from Y-12 attending and acting as pall bearers, funeral services for John Ramsey, 33, popular former employee who died last Friday, were held at 2 o'clock Monday afternoon at the Martin Funeral Home, Oak Ridge. Burial was in the Sunset Cemetery at Clinton.

Pall bearers, all former fellow-employees of Ramsey in the Alloy Division, were James Turley, W. K. Whitson, Jr., George Strasser, George Evans, John Reece and Harry Hendon. Other Y-12ers attending the final rites included J. Clyde Bowles, James Little and Howard Martin, Engineering and Maintenance Division; and J. W. Ebert, Paul Petretzky, Harvey Kite, W. S. Cameron and Joe L. Williams.

Ramsey came to work in Y-12 back in March, 1944. He took part in many plant activities and was an expert amateur photographer, several of his pictures having been published in The Bulletin. He also was a musician.

He is survived by his wife, Ruth Nelson Ramsey, and five sons. They are James, 10; William and John, eight-year-old twins; Richard, 5, and Robert 3. His mother and father and a brother also survive. Ramsey was a native of Arkansas and graduated from the University of Arkansas.

Rides Wanted, Offered

Ride Wanted—From Bradley's Store, Emory Road between Powell and Hall's Cross Roads, straight day. Dave Price, plant telephone 7-8246.

Riders Wanted—From East of North Knoxville, Group No. 2. Sam Kite, plant telephone 7318, home telephone 4-1190, Knoxville.

Rider Wanted — From Whittle Springs Road near Washington Pike, via Chicamauga Ave., Knoxville, to East Portal, straight day. O. W. Morris, plant telephone 7993, home telephone 4-5190.

Rider Wanted—From Rockwood to North or West Portals, straight day. Charlie Hall, plant telephone 7781.

Rider Wanted — From Norris and Andersonville vicinity, straight day. Herbert Reynolds, plant telephone 7779, home telephone 6711, Norris.

BOMBING MOVIE BANNED

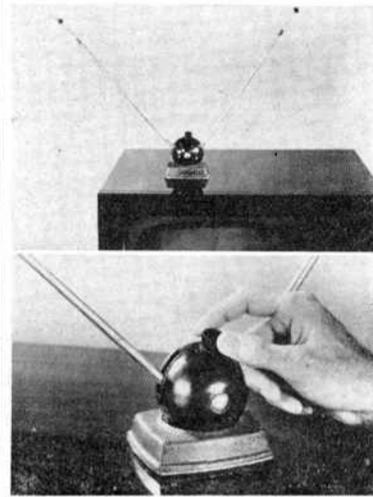
Reuter's News Agency has reported that Tokyo University has banned showing of "Hiroshima," a movie of the atomic bombing of that city, to scientists attending a conference of physicists in Tokyo. The film, produced by the pro-Communist Japan Teachers' Union, was criticized as anti-American.

Louisiana is named for King Louis XIV of France.

Bakelite Materials Used In New TV Indoor Antenna

A new indoor television antenna with a single knob for the sharpest tuning of individual channels has two three-section telescopic elements set in a large ball molded of phenolic plastic made by the Bakelite Company. The Bakelite Company is a Division of Union Carbide and Carbon Corporation, as is Carbide and Carbon Chemicals Company.

The dark mahogany finish of the new antenna harmonizes with most wood grains and the ball is



recessed into a low, heavy base for attractive design and greater stability (top photograph). With one three-section element standing straight up and the other parallel to the base, a position in which many indoor TV antennas would tip over, this new antenna resists tipping even when pushed.

The single knob set in the ball-shaped base (bottom photograph) makes this antenna easy to operate and sturdy. Adjustment of the knob makes a continuous tuned circuit resonate at the desired frequency to produce the maximum signal output from the antenna on each channel.

The manufacturer states that this feature enables the set owner to reduce or eliminate mismatch and fuzzy or snowy pictures from TV reception. A five-foot length of twin lead insulated with Bakelite polyethylene is attached to the antenna and the base is padded to prevent marring of furniture surfaces.

SCIENTISTS ASTOUND PAPER

The Omaha, Neb., World Herald finds it "incredible" that a number of scientists still are clamoring for the Atomic Energy Commission or the President to tell how strong the nation is in atomic weapons. In an editorial the World Herald commends AEC Chairman Lewis A. Strauss for holding such information in view of disclosures that Russia is making such rapid advances in atomic weapons.

AEC Is Concerned Over Security Laxness

Continued from Page 1

ments in accordance with security procedures established for adequately safeguarding such information. In view of changing conditions and the obvious necessity for continuing vigilance to prevent unauthorized access to classified security information, security regulations and procedures are kept current at all times.

A guide for proper preparation, reproduction, storage, transmittal and other pertinent information for safeguarding documentary security information has been distributed throughout the plant. The guide particularly is being sent to everyone who might at any time handle classified matter.

The guide, called Classified Document Fundamentals, cites the four degrees of classification—Restricted, Confidential, Secret and Top Secret — and defines each degree. The guide then gives full instructions on how to mark each classified document and methods of preparing or packaging documents for both internal and external transmittal. Other points covered include how to transfer accountability so that the responsibility for possession of every classified document may be pinpointed; downgrading of classification, declassification and destruction when the document may become obsolete.

A close reading of the guide by everyone in Y-12 handling classified matter should be made so that no unintentional errors may be made in such action.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

- Lucia P. Shults, Stores, November 22.
- Damon Nelson, Guard, November 22.
- Paul I. Fawver, Stores, November 22.
- George A. Strasser, Superintendents, November 22.
- John C. Ezell, Electrical Maintenance, November 22.
- Clem Jones, Receiving and Shipping, November 23.
- William A. J. Burns, Jr., Analytical Laboratory, November 23.
- Fletcher A. Watson, Planning and Estimating, November 23.
- Charles P. Spires, Utilities Maintenance, November 24.
- Raymond K. Coffey, Tool, November 24.
- Howard J. Finger, Field Maintenance, November 24.
- Charles J. Beckett, Field Maintenance, November 25.

OTHERS SUFFER TOO
when you get hurt

SAFETY AND SECURITY BACK TO BACK IS THE BEST hand possible for a Y-12er to hold. The messages shown above on

GREATER ACHIEVEMENT WITH... Security
 WILL INSURE OUR SUPERIORITY IN THE ATOMIC ENERGY FIELD

PROTECT RESTRICTED DATA

the big billboard at the North Portal should be read over and over again and taken to heart by every Y-12 employee.